

Abstract of the Disclosure

SINGLE-USE MANIFOLD FOR AUTOMATED, ASEPTIC TRANSFER OF SOLUTIONS IN BIOPROCESSING APPLICATIONS

[0066] Presteralized manifolds are provided which are designed for sterile packaging and single-use approaches. Disposable tubing and flexible-wall containers are assembled via aseptic connectors. These manifolds interact with at least one remotely controlled pinch valve which engages only the outside surface of the manifold tubing. Such manifold and pinch valve systems can be used in conjunction with a peristaltic type of pump, which, together with the remotely operated pinch valve, can be operated by a controller which provides automated and accurate delivery of biotechnology fluid in an aseptic environment while avoiding or reducing cleaning and quality assurance procedures.